

(DC-5640)

The Mining Industry in the Ivory Coast,
by O. Dumazet, 27 pp.

FRENCH, per, Industries et Travaux d'Outremer,
Vol IX, No 87, Feb 1961, pp 107-115.

JPRS 8814

NE/A - Africa

Econ

166,807

Sep 61

Action of Injections of Corticostimuline (ACTH)
on Blood 17-Ketosteroids of Dogs, by C. Dumazert,
J. Delphaut, H. Fournier, 2 pp.

FRENCH, WK per, Comptes Rendus Soc Biol, Vol
CLX CLLVIII, Dec 1954, pp 2037-2038.

SLA Tr 57-710

Sci - Biology
Sep 57

52,985

Dumbadze, D. N.
PROCAINE BLOCK OF THE PREVESICAL SPACE
IN THE TREATMENT OF CERTAIN DISEASES OF
TRUE PELVIS ORGANS. [1963] [9p] 2nd FASEB
manuscript no. S 481-3.
Order from OTS, SLA, or ETC \$1.10 TT-64-13432

Trans. of Sovetskaya Meditsina (USSR) 1963, v. 26,
no. 3, p. 104-106.

TT-64-13432

- I. Dumbadze, D. N.
- II. FASEB-S-481-3
- III. Federation of American
Societies for Experimental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

13432

(Biological Sciences--Pharmacology, TT, v. 11, no. 11)

Office of Technical Services

NY-13080

J-90/66

In the Service of the Cheka and the
Comintern, by Ye. V. Dumbadze.
GEORGIAN, bk, Na Sluzhba Cheka Kominterna,
1930.

*JPRS /Special

USSR
Pol
Dec 65

Comp

~~J-90/66~~

J-90/66

**Two French Communist Views of Nuclear War, Coexistence,
and Transition to Socialism, by Auguste Demetri, 10 pp.
FRECNCN, par, Cahiers du Communisme, No 12, 1963, pp 9-23.**

JPRS 22992

**WE-France
Pci
Mar 64**

250, 837

Dumenko, V. M.

ELECTROGRAPHIC EXPRESSION OF CERTAIN
FORMS OF INTERNAL INHIBITION. [1963] [16p]
(figs omitted) 17 refs FASEB Manuscript no. S 353-2.
Order from OTS, SLA, or ETC \$1.60 TT-63-23902
figs. available on loan from OTS

Trans. of Fiziologichnyi Zhurnal (USSR) 1962,
v. 8, no. 4, p. 471-480. (Abstract available)

DESCRIPTORS: *Electroencephalography, *Cerebral
cortex, inhibition, Bioelectronics, *Conditioned reflex,
Brain.

Characteristic of the EEG manifestations of differ-
ential inhibition are: (a) continuation of electrical
reaction after stimulation ceased; (b) increased latency
of electrical reactions; (c) progressively decreasing
reactivity until changes in electrical activity are no
longer observed; (d) absence of slow waves. Charac-
(Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

TT-63-23902

- I. Dumenko, V. M.
- II. FASEB S-353-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Changes in the Electrical Activity of the
Cerebral Cortex of Dogs During the Formation of
a Stereotype of Motor Conditioned Reflexes, by
V. K. Dumirko, 7 pp.

E
RUSSIA, per, Zhur Vysshey Nerv Deyatel inoni
I. P. Pavlova, Vol XI, No 2, 1961.

PP

Sci
May 62

195,569

Electrical Changes in the Dog Cortex During
the Development of Defensive Conditioned
Reflexes, by V. M. Durenko, 4 pp.

RUSSIAN, per, Syul Eksp Biol i Med, Vol XLIX,
No 3, 1960, pp 8-11.

CB

Sci

Nov 60

132, 562

Changes in the Bioelectrical Activity Relationships
of the Nuclei of Various Analyzers During
Combinations of Stimuli, by V. N. Dumenko, 16 pp.

^{vnov}
RUSSIAN, per, Trudy Inst Vysshey Nervnoy Deyatel'
Ser Fiziol, Vol I, 1955, pp 335-347.

CMS 60-21857
FL-480

Sci - Med
Feb 61
PST No. 69

139,833

Changes of Reaction Ability in the Nuclei of Various
Analyzers During Combinations of Stimuli, by
V. N. Dumanko, 20 pp.

RUSSIAN, per, Trudy Inst Vysshey Nervoy Deyatel'
Ser Fiziol, Vol I, 1955, pp 320-324.

ONS 60-21857
FI-480

Sci - Med
Feb 61
EST No. 69

139,832

(NY-7204)

Automation of Ultrashort-Wave FM Radio Stations
in the Case of Local Control, by I. S. Dumer, 9 pp.

RUSSIAN, X per, Vestnik Svyazi, No 7 (2X68), 1962.

JPRS 15603

Sci

Oct 62

213, 816

(NY-6994)

An Improvement of the Control-Circuit Arrangement
of a UKV ChM & Ultra-Short-Wave FM Radio
Station, by I. S. Duner, 11 pp.

RUSSIAN, per, Vestnik Svyazi, No 2 (263), 1962.

JPRS 13870

Sci

Jun 62

197,498³

Selenium an Antimycotic Agent, by P. R. Danbury,
4 p.

FRENCH, per, la Presse Medicale, 1953, Vol LXI,
No 80, pp 1646.

SLA 59-17868

Sci
Jan 60
Vol 2, No 9

106,007

Universal Photographic Cells. 1. The Use of a Vent
Balance for the Investigation of Corrosion in
Gaseous Media, by A. M. Dumas.

FRANCE, par, Metaux, Corrosion-Oxydation, Vol XVIII,
1943, pp 50-55, 68-76, 97-100.

Dept of Int
US Bureau of Mines
Eastern Exptl Sta
College Park, Md.

Sci - Chem

May 59

87,708

Boundary Layer on a Porous Plane Wall with
Suction, by A. Favre, R. Dumas, E. Verollet,
36 pp.

FRECH rpt, Couche Limite sur Paroi Plane
Poreuse Avec Aspiration, 1960, pp 1-31. 9662488

AFIC MCL-760/1

Sci - Phys

Jul 61

159, 488

Changes in the Bioelectrical Activity in Various Areas
of the Cerebral Cortex in Dogs, During the Formation
of a Temporary Connection, by V. N. Dumenko, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIX, No 2,
1960, pp 4-7.

CB

Sci
Oct 60

128,537

(SF-1149)

First Hungarian Conference on Pharmacotherapy,
by Boris Dumbovics, 4 pp.

HUNGARIAN, per, Magyar Tudomány, No 8, 1960,
pp 499, 500.

JPRS 4238

Sci - Med

Jan 61

136,945

(FDD 27956)

Epidemiological Effectiveness of Antidysentery
Immunization With Immunogen, by N. G. Dumesh, E. A.
Miloradovskaya, 8 pp.

RUSSIAN, no par, Zhur Mikrobiol, Epidemiol i Immuno-
biol, Vol XXVII, No 3, Moscow, Mar 1956, pp 12-15.

CIA/FDD U-8706

Sci - Medicine, Immunology

38,920

Aug 56 CTS/DEX

1 - A P-3

(DC-3000)

NEW SYSTEM OF STUDENT CREDITS, BY B. DUMIC,
.D. PETROVIC, 6 PP.

CROATIAN, PER, SOCIJALNA POLITIKA , NO 2,
1962, PP 152-157.

JPRS 14221

EEUR - YUGOSLAVIA
SOC
NJUN 62

201,282

(DC-3000)

Scholarships to Students in the High Schools,
by B. Dzanic, D. Petrovic, 18 pp.

CROATIAN, per, Socijalna Politika, No 11,
1961, pp 1021-1027.

JPRS 12703

EE - Yugoslav
Soc - Gen
Mar 62

183,517

Experimental Study of The Extent to Which The Tick
Ixodes Persulcatus Becomes Infected With Russian
Spring-Summer Encephalitis Virus as a Result of
Sucking the Blood of Immune Animals, by A. L. Duna-
ina, 4 pp.

RUSSIAN, per, Voprosy Virusologii, Vol XII, No 3,
1958, pp 156-158.

Pergamon Inst

Sci - Med

Feb 59

51.7/2

(NY-6133/8)

Behavior of Corn Strains and Hybrids in Rumania
in 1957-1960, and Their Territorial Distribu-
tion in 1961, by V. Dumitrache. O. Cosmin, Al.
Batca, 24 pp.

RUMANIAN, per, Probleme Agricole, Vol XIII,
No 2, 1961, pp 5-19.

JPRS 9514

/60,061-

EEur - Rumania
Econ
Jul 61

Cost Reduction - An Important Task of the Metallurgical Industry,
by M. Dumitrascu, C. Vonica, 13 pp.

RUMANIAN, par, Problems Econ, No 11, 1963, pp 31-42.

JPRS 22994

EE-Rumania
Econ
Feb 64

343, 320

arsenical Iron Ores as Metallurgical Raw Material,
by P. Dumitrascu, M. Silpae.

ROMANIAN, per, Metalurgia si Constructia de Masini,
Vol. XI, 1959, pp 928-933.

HB 4823

Vol - Min/Met

Rep 60

127,042

Reduction of Iron Ores With Methane in a
Fluid Bed and by Cyclone Smelting, by
P. Dumitrescu, M. Ispas.

RUMANIAN, per, Studi si Cercetari de
Metalurgie, Vol V, No 3, 1960, pp 371-
390.

HB 5283

Sci - Min/Met
Apr 62

190,753

(4)
Technical Progress in the Ferrous Metals Industry,
by St. Dumitrescu, 3 pp.
RUMANIAN, pm, Vitea Economica, Vol II, No 12,
18 30 Mar 1964, p 5.
JPAS 24432

EE-Rumania
Econ
May 64

237,205

(NY-6430/9)

Long-Term Credit Assistance to Socialist
Cooperative Agricultural Farms, by S. Bereanu,
A. Dumitrescu, 14 pp.

ROMANIAN, per, Finante si Credit, Vol VII, No 1,
1961, pp 15-25.

JPRS 10122

172,090

ECON - Rumania

ECON

Oct 61

Dumitrescu, A., Elefterescu, M., and Kovaci, S.
METHODS OF FORECASTING ENERGY CON-
SUMPTION. [1960] [9]p. 3 refs. C. E. Trans. 1659;
M2322.

Order from LC or SLA mi\$1.80, ph\$1.80 61-15464

Trans. of Elektrichestvo (USSR) 1959, no. 8,
p. 26-29.

An analytical method is proposed for the determi-
nation of the dynamics of overall heat and electrical
energy consumption by summation of the energy con-
sumptions in the different branches of the national
economy, the latter being determined on the basis of
the dynamics of the specific, energy consumptions and
the dynamics of production in the given branch of
industry.

(Physics--Electricity, TT, v. 5, no. 11)

61-15464

- I. Electrical energy--
Consumption
- I. Dumitrescu, A.
- II. Elefterescu, M.
- III. Kovaci, S.
- IV. CE Trans-1659
- V. DSIR LLU M.2322
- VI. Central Electricity
Generating Board
(Gr. Brit.)

Office of Technical Services

PROSPECTS FOR THE CONSTRUCTION OF LARGE
MARINE DIESEL ENGINES IN RUMANIA, BY ADRIAN
DUMITRESCU, 7 PP.

RUMANIAN, PER, METALURGIA SI CONSTRUCTIA DE
MASINI, VOL XIV, NO 9, 1962, PP 809-810.
813-815.

JPRS 16421

EEUR - RUMANIA
ECON , DEC 62

217,192

88

The Medical Service of the Armed Forces
During the Years of the People Dictatorship,
by A. P. Dumitrescu, 7 pp.
ROMANIA, pop. Revista Sanitara Militara,
No 4, 1964, pp 571-578. F100267968
FTD-HA-23-897-67

A. P. Dumitrescu

Sci/HEM
Nov 68

36,995

107 61

(SP-1855/11)

Building of Ships of Over 5000 Tons Deadweight for
the Merchant Marine, by Adrian Danilovschi, 21 pp.

ROMANIAN, per, Metalurgia si Constructie de Masini,
Vol XIII, No 4, 1961, pp 312-321.

JPRS 10336

174,149

EStar - Romania

Econ

Development of Social Property on Collective
Farms, by Anghel Dumitrescu, Ion Popa, 11 pp.

ROMANIAN, per, Evidenta Contabila, Vol VII,
No 8, 1962, pp 7-13.

JPRS 16146

Emur - Romania
Econ
Nov 62

217,422

On the Non-Stationary one Dimensional Flow of a
Viscous Fluid, by D. M. Dumitrescu, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
No 3, 1958, pp 163-164.

SLA 60-23527

Sci

197,990

May 62

Vol 4, No 8

SCIENTIFIC RESEARCH, BY G. DOMITRESCU, 7 PP.

ROMANIAN, PER, SCIENTIA, NO 6193, 11 DEC 1963,
P 2.

JPRS 22546

SCI-MISC
JAN 64

243,124

Development of Research in Romanian Construction
and Construction Materials Industries, by D. F.
Mardarescu and S. Gaspar, 10 pp.
ROMANIA, per, Revista Constructiilor si a
Materialelor de Constructii, No 10, Oct 64,
pp 501-509.
JPRS 25604

Elizir-Romania
Econ
Apr 65

278,943

Flow Past an Air-Bubble in a Vertical Tube, by
D. T. Dumitrescu, 28 pp.

GERMAN, per, Z fuer Angew Mathemat und Mechanik,
Vol XXIII, No 3, 1943, pp 139-149.

SLA 59-10290

Sci + Engr

Sep 59

97,834

SETEE

(M-3587)

Ways of Reducing Costs of Industrial Constructions,
by Florea Dumitrescu, 4 pp.

RUMANIAN, np, Constructorul, Bucharest, 16 Jan 1960,
p 1, 3.

JPRS 2836

119,443

EEur - Rumania

Econ - Construction

Jun 60

(NY-6430)

State Credit Assistance to the Collective
Farms, by Florea Dumitrescu, 21 pp.

RUMANIAN, per, Probleme Economice,
No 2, 1962, pp 32-46.

JPRS 14008

EEur - Rumania
Econ
Jun 62

199,356

Report of the Committee of the Composers Union Presented
at the National Conference of Composers and Musicologists,
by Ion Dumitrescu, 9 pp.
RUMANIAN, np, Contemporary, 30 Dec 1963, pp 1, 6.

JPRS 25217

EEI-Rumanda
Pel
Feb 64

249,511

Standardizing Admissible Noise Levels at
Work Places, by L. Dumitrescu. 6p.
RUMANIAN, per, Standardisarea, Vol 14,
No 3, 1962, pp 244-247.
EHC TT-65-20003

L. Dumitrescu

Sci-Engr
Jul 66

307,569

SETEE

(NY-3380).

Manufacture Simple Granulated Super phosphate and
Sodium Fluosilicate at "Petru Poni" Chemical
Fertilizer Works, by M. Dumitrescu, 10 pp.

RUMANIAN, per, Revista de Chimie, Vol X, No 5,
Bucharest, 1959, pp 288-290.

JPRS 2684

EEur - Rumania
Econ - Chemical Industry
Jun 60

117,103

THE EFFECT OF STEAMING BEECH TIMBER ON THE
SUCCESSION OF OPERATIONS IN INITIAL CONVERSION
AND RE-SAWING WITH A CIRCULAR SAW, BY
M. DUMITRESCU.

RUSSTAN, PER, INDUSTRIA LEMNULI, VOL VII,
NO 1, 1958, PP 5-8.

MLL H.4649

SCI - ENOR

JUN 62

199,158

Activities of the Institute of Hydrotechnical
Studies and Research of the State Water Com-
mittee, by Sorin Dumitrescu, Eng, 10 pp.

RUMANIAN, per, Hidrotehnica, Gospodarirea Apelor,
Meteorologia, Vol IX, No 8, 1964, pp 432-438.

JPRS 27595

EEur-Rumania

Econ

Jan 65

272,057

RESEARCH FOR THE WOOD PROCESSING INDUSTRY BY
N. ST. DIMITRESCU, 25 PP.

ROMANIAN, PER, INDUSTRIA LEMNULUI, NOV XIV, NO 8,
AUG 63, PP 298-302.

JPRS 21793

EE-ROMANIA
ECON
NOV 63

240,580

Scientific Activity in Support of the Development of
the Wood Processing Industry, by Nicolae St. Dumitrescu,
Marcel Dupu, 10 pp.
RUMANIAN, per, Industria Lemnului, No 8, 1964,
pp 309-314.
JPRS 28190 - 4.6

EE-Rumania
Econ
Feb 65

273,063

5-44400

(DC-1091)

Five Years of Activity of the Main Administration
of Hydrometeorology, by Sorin Dumitrescu, 8 pp.

RUMANIAN, no per, Meteorologiya si Hidrologia,
Vol I, No 1, Budapest, Oct 1956, pp 5-10.

US JPRS/DC-L-669

Sci - Geophysics

73,554

Morphological Features of Three Types of Influenza
Virus Including one With Double Antigen, by
R. Portocala, S. Dmitriyev, 9 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 4, 1961,
pp 408-415.

†† PP

Sci

Oct 62

216,083

(SF-1057)

Research on the Casting of Modular-Graphite Rolling-
Mill Rolls, by Traian Dumitrescu, Laurentiu Sofroni,
Ion Toma, 10 pp.

RUMANIAN, per, Metalurgia si Constructia de Masini,
Vol XIII, No 5, 1961, pp 390-406.

JPRS 12280

Sci - Engr.

182,568

Feb 62

SOME METHODOLOGICAL PROBLEMS CONCERNING INDICATORS
OF THE FINAL UTILIZATION OF THE NATIONAL INCOME,
BY S. DINULESCU, V. DUMITRESCU, 13 PP.

RUMANIAN, PER, REVISTA DE STATISTICA, VOL XII, NO 2,
1963, PP 71-78.

JPRS 19513

EEUR - ROMANIA
ECON .
JAN 63

231,738

(III-6294/8)

Modifications of the Prothrombin Complex Under
the Influence of X-Rays, by Elena Dumitrescu-
Papahagi, S. Schiau, R. Stoanescu, 6 pp.

ROMANIAN, per, Studii si Cercetari de Fiziologie,
Vol V, No 2, 1960, pp 429-432.

JPRS 9643

Sci - Med
Aug 61

163,328

Fourth Scientific-Methodological Conference of
Hloc Agrarian Research Institutes, by D. Dumitriu.

RUMANIAN, per, Probleme Economice, No 8, 1962,
Bucharest pp 160-162.

E Eur - Rumania
Econ
Oct 62

FDD Sum 3979

D-2622

(D-2622)

Development of State Farms, by Gheorghe Stancu.
D. Dumitru, 5 pp.

RUMANIAN, bk, Economia Romaniei Intre Anii
1944-1959, Bucharest, 1959, pp 401-417.

JPRS 3626

EEur - Rumania

Econ - Agriculture and forestry

122,774

Aug 60

SETTEE

(NY-2724).

Current Problems of the Economic-Organizational
Strengthening of Socialist-Cooperative Agricultural
Units in the European People's Democracies, by
Gh. Ionita, D. Dumitriu, 19 pp.

RUMANIAN, per, Probleme Economice, Vol XII, No 4,
1959, pp 108-123.

RE JPRS-1814-N

93, 377

EBur - Soviet Bloc
Econ - Agriculture

Aug 59

Enlarged Socialist Reproduction on Collective Farms,
by V. V. Popov, D. Musikaru. (Vn Econ Rpt on Khrush,
205)

RUSSIAN, per, Problema Economice, Vol XII, No 2,
Bucharest, Feb 1959, pp 34-48.

CIA/PDD Sum 2163

Rpt. - Romania
Econ
Apr 59

80, 843

Ship Repair Cycles and Cost of Ship Repairs, by
D. Dumitrescu (Mr. Econ lgt on RUM, 253)

RUMANIAN, per, Revista Transporturilor, Bucharest,
25 Apr 1959, pp 142-144.

CIA/FID Sum 2225

Eur - Rumania
Econ
Jun 59

89,057

Calculation of Amortisation Schedules in Highway and
Maritime Transportation, by D. Dumitru. (Wk Econ
Rpt on EUR, 247)

RUMANIAN, per, Revista Transporturilor, Bucharest,
Dec 1958, pp 541-546.

CIA/FID Sum 2182

EUR - Rumania

Room

May 59

86.267

SECRET

(SI-3124)

Technical Development and Main Products of
"Radio Popular" Plant, by Felician Dumitru, 26 pp.

RUMANIAN, per, Telecommunicatii, Vol III, No 6,
Nov/Dec 1959, Bucharest, pp 242-250.

JTR3 5132

EEur - Rumania

Econ - Manufacturing

Aug 60

122,914

R-2603

(DC-3043)

Development of the Petroleum Industry, by I.
Banitra, G. Stefan, 6 pp.

RUSANTAN, bk, Economia Romaniei Intre Anii
1944-1959, Bucharest, 1959, pp 127-150.

JPRS 3626

EEur - Rumania

Econ

Aug 60

122,780

Expansion of the Rumanian Petroleum Industry,
by Ion Dumitru, 12 pp.

RUSSIAN, per, Neftyanoye Khozyaystvo, No 8
Aug 1955, Moscow.

CIA/FDD/X-1834

EEur - Rumania
Econ - Petroleum

(R-366)

Also Mark Buzen for

27,044

(DUIN) (1000)

A New Machine For Extinguishing Fires - The
Autopump Tank, by Radulescu Florea, R. Dumitru,
5 pp.

RUMANIAN, per, Pasa Contra Incendiilor, No 8, 1958,
p 29.

ACBI, R-2487

Sci - Engr

Feb 59

81,527

Elements of Veterinary Knowledge Among the
Scythians, by N. S. Dumka.

RUSSIAN, no par, Veterinariya, Vol XXXIII,
No 1, 1956, pp 88-91. CIA 9004393

VEDA

Sci - Medicine
Apr 1957 CT8/dex

47,149

To Achieve a World Standard in Power Machinery
Production, by Kurt Junko. (Wk Econ Rpt on EHar,
254)

GERMAN, per, Neues Deutschland, Berlin, 23 May 1959,
p 3.

CIA/FID Sum 2235

EHar - Germany
Econ
Jun 59

89,797

(NY-2700)

ECONOMIC CONSIDERATIONS CONCERNING CENTRALIZATION
IN THE CRUSHED ROCK AND FINE GRAVEL INDUSTRY,
BY HORST SCHUSTEREIT, ARNO DUMM, 8 PP.

GERMAN, PER, SILIKATTECHNIK, VOL XIII, NO 4,
1962, PP 113-115.

JPRS 14931

EEUR - GERMANY
ECON
EE
SEP 62

210,267

Applicability of the Omegatron for Quantitative
Partial Pressure Analysis in a High Vacuum, by
S. Dummier.

GERMAN, per, Vakuum-Technik, Vol X, No 5, 6,
1961, pp 131-138; 184-190.
NASA TT F-9287

Sci-Phys
May 65
U.S. GOVERNMENT ONLY

280,178

Metallurgical Study of Braided Joints With a View to
Obtaining Vacuum Tightness at 300°C, by
P. Bagnon.
Ph.D. thesis, par. Studies of Techniques Connections,
Vol XVII, No 11-12, 1961, pp 426-438.
Dist 8743

NASA TTF 14, 112

Sci - Repr, M/M
Sep 64

267,2019

Dumon, R.
A NEW SYNTHETIC FILAMENT OF THE SUPER-
POLYAMIDE CLASS DRAWN FROM THE CASTOR
OIL PLANT: RILSAN (B PLASTIC). [9 Aug 52] 5p
(figs omitted)
Order from SLA \$1.10

TT-64-10765

Trans. of l'Industrie Textile (France) 1950, v. 67,
p. 106-108.

(Materials--Textiles, TT, v. 12, no. 1)

TT-64-10765

I. Dumon, R.
II. Title: Rilsan

55389

Office of Technical Services

TT-64-16514

Dumon, R.
A NEW FRENCH PLASTIC MATTER: THE RILSAN,
[16]p
Order from SLA \$1.60 TT-64-16514

I. Dumon, R.
II. Title: Rilsan

Trans. of Rev[ue] Générale [de] Mécanique (France)
1956, v. 40, p. 315-320.

85398

(Materials--Plastics, TT, v. 12, no. 3)

Office of Technical Services

General Chemistry - On the Effect of Dispersion
on the Quenching of Detonation of a ~~Stoichiometric~~
Stoichiometric Methane-Oxygen ~~Mixture~~ Mixture by
Finely Powdered Potassium Bitartrate, by J. C.
Dumont,

FRANCK, per, Comptes Rendus, Vol CCLII, No 24,
1961, pp 3806-3808.

Dept of Interior
T87 E57 No 516

196,827

Sci - Chem
May 62

Probable Pregnancy at 52, by H. Dumont.
FRENCH, per, Obste. Franc., Vol 14, July-
August 1962.
Dept of Navy 4993/NHS 1146

45

M. Dumont

Sci-844
Dec 66

315,557

Photometric Measurements of Nocturnal Light and of
Convergence, Corrected for Atmospheric Luminance,
by R. D. DUNN.
FAIRCHILD, per, Complex Rantua, Vol CCLVH, No 14,
1964, pp 1243-1245.
NASA TT P-3677

Sci-Phys
May 64
U.S. GOVERNMENT ONLY

127,497

On Object-image Correspondance in Optics, by 147
P. Dumontet.
FRENCH, per, Optica Acta, Vol 2, No 2, 1955.
Vpp 53-63.
Navy APL/JHU T-1973
tr 3179

P. Dumontet

Sci/Physics
Mar 67

318,537

67

Continuous Determination of the Carbon Content of the
Bath in Processes of Refining With Pure Oxygen, by
J. Eymont-Eillon, et al.
FRANCE, rpt, International Congress on Oxygen Steel
Plants, 24-26 Sept 1963.
CAL/T 1360

Sci - M/M
Apr 64

254,619

Recovery of Gases From the Oxygen Converter Without
Combustion, by J. Dumont-Fillon, G. Many.
FRENCH, rpt., Paper Presented at the International Congress
on Oxygen Steel Plants at Le Touquet and Dunkirk,
23-26 Sep 1963.

SISI 3476

Sci - Engr
Feb 64

250,721

Recovery of Unburnt Gases From a Pure Oxygen
Converter, by J. Dumont-Fillon.

FRENCH, per, Centre de Documentation Siderurgique
Circulaires d'Informations Techniques, Vol XIX,
No 2, 1962, pp 441-446.

BISI 3058

Sci - Engr

Jan 63

218,824

list 162

A Method to Reduce to Ash Organic Matter without
Loss of Zinc and the Determination of the Zinc
Concentration by the Dithizone Method, by W. A. G.
Campen, H. Dumbauld, 6 pp.

DUTCH, per, Chemisch Weekblad, Vol LV, No 45,
pp 632 633, 1959.

SLA 60-18150

193,764

Sci
May 62
Vol 4, No 10

After the Algerian FLN Congress,
by Henri Dumas, 6 pp.
FRENCH, par, 1/Internationale, No 22,
May 1964, pp 4a, 4b.
JPRS 23148

AFRICA-Algeria
Pol
Jun 64

262,036

(DC-4700/5)

The Correct Determination of Labor Productivity,
by D. Dumnov, 9 pp.

RUSSIAN, per, Ekhn Sel'skogo Khoz, No 12, 1960,
pp 95-101.

JPRS 6961

USSR

Econ

Mar 61

143,960

Calculation of the Pressure-Head Characteristics
of Axial Helical Impellers, by V. I. Dumov,
17 pp.

RUSSIAN, per, Teploenergetika, No 11, 1962,
pp 23-27. 9684610

PTD-TT-63-407

Sci-Engr
July 63

235,840

The Increase in Non-Cavitation Properties of Centrifugal
Pump Stages by Means of Preconnected Axial Rotors, by
V. I. Dumov, 11 pp. ⁴

RUSSIAN, per, Teploenergetika, Vol IV, No 4, 1957,
pp 16-21, Encl to IR-1673-57, AFCH-1A1.

AF 1129150

831 - Engineering
Oct 57

54,544
JTS 440

Centrifugal Pump with Auxiliary Impeller,

by V. I. Durnov, 2 pp.

RUSSIAN, Patent No 173124 (Appl. No.

630427/25-8, 3 June 1959), 2 pp.

AIR/FTD/MT-23-1077-67

Sci-Propulsion & Fuels

Nov 68

366,334

V. I. Durnov

Dumov, V. I. and Peshkin, M. A.
STUDY OF CAVITATION IN THE IMPELLER OF A
CENTRIFUGAL PUMP (Issledovaniye Kavitatsii v
Koleoye Tsentrobezhnogo Nasosa). Jan 61 [15]p.
3 refs. RTS 1737.
Order from LC or SLA nu\$2.40, ph\$3.30 61-15626

Trans. of Teploenergetika (USSR) 1959, v. 6, no. 12,
p. 46-51.

The results are presented of a study of the cavitation
phenomenon in the impeller of a centrifugal pump,
and recommendations are given for improving the anti-
cavitation properties of pumps. (Author)

(Machinery--Machine Parts, TT, v. 5, no. 8)

61-15626

1. Impellers--Cavitation
2. Centrifugal pumps--
Cavitation
1. Dumov, V. I.
- II. Peshkin, M. A.
- III. RTS-1737
- IV. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

THE USE OF TETRACYCLINE ANTIBIOTICS IN EXPERIMENTAL
RADIATION SICKNESS, BY A. M. BLUMOVA, O. O. CHIRKOVA,
9 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VIII, NO 8, 1963,
PP 723-728.

JPRS 21189

SCI-BIOL-MED
OCT 63

344,402

**Experimental Data on Increased Resistance to Radiation
Sickness After Preliminary Administration of
Tetracyclines to Rats, by A. M. Dumova, O. O. Chirkova,
9 pp.
RUSSIAN, per, Medit Radiolog, Vol VIII, No 12, 1963,
pp 30-35.**

JPRS 29678

**Sci-Biol
Mar 64**

251,995

Changes in the Vascular Reflexes after
Administration of Chlortetracycline, by
A. V. Loginov, A. M. Dumova, S. L. Volynskaya,
5 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 3, 1959,
pp 58-61.

CB

164, 452

Sci
Aug 61

SYNTHESIS OF 2-ARALKYL-1,3-INDANEDIONES BY
CATALYTIC HYDROGENATION OF 2-ARALKYLIDEN-1,3-
INDANEDIONES, BY T. T. DUMPIS, G. YA. VANAGS,
4 PP

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 5,
1961, PP 1093-1096.

CB

SCI
AUG 62

205,828

Enriched Media Used for Streptomycin Fermentation, by E. I. Surikova, G. F. Zvilevskaya, M. T. Dygern, G. D. Pestereva, 6 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 4, 1959, pp 12-16.

CB

164,402

Sci

Aug 61

Centrifugal Pump With an Automatically
Controlled Head, by L. S. Arinyshkin,
V. I. Dunov, et al, 3 pp.

RUSSIAN, patent, No 137,767, Oct 29, 1960,
683765/25. 9676342

FTD-TT-62-194

Sci - Engr

194, 102

3 May 62

On Two Features of Cavitation Qualities
of a Centrifugal Pump With Feather Type Vane
and Partial Discharge of Liquid, by V. I.
Dumov, M. A. Peshkin, 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Ser
Aviat Tekh, No 2, 1959, pp 147-150. 9671004

FTD MCL-1158/1 + 2

Sci - Aero

169,304

Sep 61

Investigating Cavitation in an Impeller of
a Centrifugal Pump, by V. I. Dumov, M. A.
Pashkin, 11 pp.

RUSSIAN, per, Teploenergetika, No 12, 1959,
pp 46-51. 9670283

AFIC MCL-885/1

Sci - Engr

161, 335-

Jul 61

A Reflex Component of the ~~REXAMU~~ Mechanism of
Production of Blood Changes by Chlortetracycline
(Biomycin), by A. V. Loginov, A. M. Dumova, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVII,
No 1, 1959, pp 43-47.

Consultants Bureau

Aug 59

93,937

Machining of Holes by the Electrospark Process,
by V. E. Dumpe,

RUSSIAN, par, Vest Mashinostroy, Vol XXXIV,
No 12, 1954, pp 51-55.

24,644

Brutcher Tr 3496
\$1.20

Scientific - Electricity Jun 55 CTS

The Treatment of Parkinson's Disease With Diethyl-
aminoethyl-N-thiodiphenylamine Chlorhydrate, by
J. Sigvald, D. Bovet, G. Dumont, 1 p.

FRENCH, per, Revue Neurologique, Vol LXXVIII, 1946,
pp 581-584.

NIH 12-49

Sci - Med

57,805

Jan 58

The Treatment of Parkinson's Disease and of Extrapyramidal Manifestations With Diethylaminoethyl-N-thiodiphenylamine. Results of a Year of Application, by J. Sigwald, A. Grossiord, P. Durel, G. Dumont, 2 pp.

FRENCH, per, Revue Neurologique, Vol LXXIX, 1947, pp 683-687.

NIH 12-50

Sci - Med

57,806

Jan 58

Continuous Monitoring of the Carbon Content
of the Bath in Refining Processes With Pure
Oxygen, by J. Demont-Fillon, P. Mangin.

FRENCH, per, Revue de Metallurgie, Vol LX,
Feb 1963, pp 105-113.

BIBI 3283

Sci - M/M, Chem
Aug 63

342,169